



Transport Canada
Safety and Security

Transports Canada
Sécurité et sûreté

Child Restraint Regulations

Frances M. Wokes

Transport Canada

Safety & Security Group

Civil Aviation Directorate

Commercial & Business Aviation Branch

Cabin Safety Standards Division





Transport Canada
Safety and Security

Transports Canada
Sécurité et sûreté



Cabin Safety Standards





HISTORY

- **1979 and earlier:**
 - Child Restraints forbidden
 - Infants required to be held in arms of adult
- **1984 Exemption issued**
 - CRS permitted but not mandatory
 - No obligation to accept






HISTORY Cont'd.

- **1996 Introduction of the CARs (Canadian Aviation Regulations)**
 - Incorporated the exemption into the regulation
 - Not mandatory
 - No obligation to accept





REGULATION

 **CAR 605.26, (formerly Air Navigation Order Series II, No. 2) requires infants (defined as one who has not yet reached its second birthday) be held in the arms of an adult or in an approved infant/child restraint system during take-off, landing and when seat belts are required to be worn.**





Regulation

- **Accepts CMVSS 213 & 213.1**
- **Accepts FMVSS 213 except harness, vests, & booster seats**
- **The “sticker”**
- **Does not accept any other standards**





JOINT FAA/TCA TESTING - 1989



Recommendation: R & D dedicated to the design of a restraint system for infants and small children traveling in aircraft be conducted without delay.





Aviation vs Automotive

- Width between armrests
- Base Dimensions
- Seat Pitch
- Installation Methods
- Installation Frequency
- Anchorage Points





Standard Reply

- “Without availability of an infant restraint device designed specifically for use in aircraft, it would be premature at this time to require their use.”**
- “Once the identified deficiencies associated with aircraft use of the present devices has been resolved, then it will be possible to consider regulations to require their use for the restraint of infants and children traveling in aircraft”**
- “Dependent upon the results of this research project, consideration will be be given to the development of a regulation making their use on aircraft mandatory.”**





PROJECT OBJECTIVE



To determine the feasibility of developing a child safety system which meets the needs of the users, the airline industry, and the regulators.





STATUS

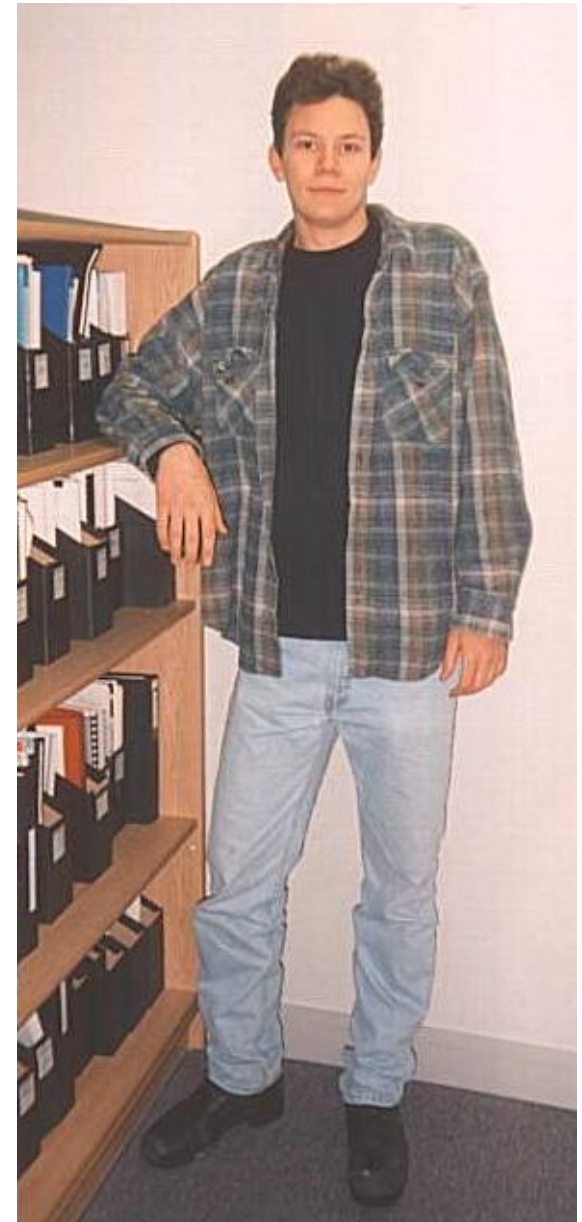


Canadian Aviation

**Regulatory Advisory Council
Technical Committee VII
tasked to consider regulatory
options that address the
safety of infants and children
on board Canadian aircraft.**



**TCVII unanimously agreed
that current status quo is
unacceptable in medium to
long term.**





Transport Canada
Safety and Security

Transports Canada
Sécurité et sûreté

Thank You

